

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Atty. Docket No.
1856-09301
(99/026)Serial No.
10/024,679Applicant
Alfred E. KELLER, et al.Filing Date
12/18/01Group
1764

part of paper # 6

REFERENCE DESIGNATION U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE IF APPROPRIATE
JAV	*AA	1,930,716	10/17/33	Jaegar	260	57	
JAV	AB	2,963,348	06/07/57	Sekkers	23	225	
JAV	AC	4,038,036	7/26/77	Beavon	23	262	
JAV	*AD	4,219,445	8/26/80	Finch	252	443	
JAV	*AE	4,271,041	6/2/81	Boudart	252	438	
JAV	AF	4,279,882	07/21/81	Beavon	423	574	
JAV	AG	4,311,683	01/19/82	Hass, et al.	423	573	
JAV	*AH	4,325,842	4/20/82	Slaugh	252	443	
JAV	*AI	4,325,843	4/20/82	Slaugh	252	443	
JAV	*AJ	4,326,992	4/27/82	Slaugh	252	443	
JAV	*AK	4,331,544	5/25/82	Takaya	252	443	
JAV	AL	4,406,873	09/27/83	Beavon	423	574	
JAV	AM	4,481,181	11/06/84	Norman	423	573	
JAV	*AN	4,814,159	03/21/89	Voirin	423	574	
JAV	AO	4,886,649	12/12/89	Ismagilov	423	230	
JAV	AP	4,889,701	12/26/89	Jones, et al.	423	220	
JAV	AQ	4,891,187	01/02/90	Jungfer, et al.	423	248	
JAV	AR	4,988,494	01/29/91	Lagas, et al.	423	574	
JAV	*AS	5,338,716	8/16/94	Triplett	502	64	
JAV	AT	5,397,556	03/14/95	Towler, et al.	423	220	
JAV	*AU	5,451,557	9/19/95	Sherif	502	177	
JAV	AV	5,512,260	04/30/96	Kiliany, et al.	423	242.1	
JAV	*AW	5,573,991	11/12/96	Sherif	502	177	
JAV	AX	5,597,546	01/28/97	Li, et al.	423	573.1	
JAV	AY	5,603,913	2/18/97	Alkhazov	423	230	
JAV	AZ	5,639,929	06/17/97	Bharadwaj, et al.	585	658	
JAV	*BA	5,648,582	7/15/97	Schmidt	585	652	
JAV	BB	5,653,953	08/05/97	Li, et al.	423	576.8	
JAV	BC	5,654,491	8/5/97	Goetsch	568	469.9	
JAV	BD	5,676,921	10/14/97	Heisel, et al.	423	573.1	
JAV	BE	5,700,440	12/23/97	Li	423	231	
JAV	BF	5,720,901	02/24/98	De Jong, et al.	252	373	
JAV	BG	5,807,410	9/15/98	Borsboom	23	293	
JAV	BH	5,814,293	09/29/98	Terorde, et al.	423	576	
JAV	BI	5,891,415	04/06/99	Alkhazov, et al.	423	573.1	
JAV	BJ	5,897,850	4/27/99	Borsboom	423	576.2	
JAV	BK	5,965,100	10/12/99	Khanmamedov	423	576.8	
JAV	BL	6,017,507	01/25/00	Nougayrede, et al.	423	573.1	
JAV	BM	6,083,471	07/04/00	Philippe, et al.	423	573.1	
JAV	BN	6,099,819	08/08/00	Srinivas, et al.	423	573.1	
JAV	BO	6,103,206	08/15/00	Taylor, Jr., et al.	423	210	
JAV	BP	6,103,773	08/15/00	Wittenbrink, et al.	518	702	

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FOREIGN PATENT DOCUMENTS

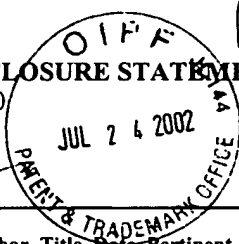
	BQ	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	Translation YES NO
JAV	BR	2702675	03/16/93	France	B01	D53/36	Abstract
JAV	BS	2023655	11/30/94	RU			Abstract

Timothy Vanoy June 23 2003

Form PTO-1449 (Modified)

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OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

	BT	Watson, et al., <i>The Successful Use of Oxygen in Claus Plants</i> , IHI Quarterly, Winter 1995/1996, pp. 95-101.
	BU	Garnson and Elkins, <i>Chem. Eng. Prog.</i> 4, 9, 203-215, 1953.
fw	*BV	Claridge, et al, <i>New Catalysts for the Conversion of Methane to Synthesis Gas: Molybdenum and tungsten Carbide</i> , J. Catalysis 180, 85-100 (1998).
fw	*BW	D.A. Hickman, et al., <i>Synthesis Gas Formation by Direct Oxidation of Methane over Pt Monoliths</i> , J. Catalysis 138, pp. 267-282 (1992).
fw	*BX	A. Cybulski and J.A. Moulijn, <i>Transformation of a Structured Carrier into Structured Catalyst</i> , Structured Catalysts and Reactors, Marcel Dekker, pp. 599-615, 1998.
fw	BY	M.E.D. Raymont, Role of hydrogen in Claus plants, Hydrocarbon Processing, 177-179 (1975)
fw	BZ	Richard K. Kerr, et al, A new sulfur-recovery process: The RSRP, Oil & Gas Journal 230-243 (1982)
fw	CA	M.E.D. Raymont, Make hydrogen from hydrogen sulfide, Hydrocarbon Processing, 139-142 (1975)
fw	CB	R.H. Hass, et al, Process meets sulfur recovery needs, Hydrocarbon Processing 104-107 (1981)
fw	CC	J.A. Lagas, et al, Selective-oxidation catalyst improves Claus process, Oil & Gas Journal, 68-71 (1988)
fw	CD	Z.R. Ismagilov, et al, New Catalysts and Processes For Environment Protection, React. Kinet. Catal. Lett., Vol. 55, No. 2, 489-499 (1995)
fw	CE	Kuo-Tseng Li and Ni-Shen Shyu, Catalytic Oxidation of Hydrogen Sulfide to Sulfur on Vanadium Antimonate, Ind. Eng. Chem. Res. 1480-1484 (1997)
fw	CF	J. B. Hyne, <i>Methods for desulfurization of effluent gas streams</i> , The Oil & Gas Journal, 64-78 (1972)
fw	CG	B. Gene Goar, <i>Today's Sulfur Recovery Processes</i> , Hydrocarbon Processing Vol 47, No. 9, 248-252 (1968)
fw	CH	R. Gene Goar, <i>First Recycle Selectox unit onstream</i> , Oil & Gas Journal, 124-125 (1982)
fw	CI	Sung Woo Chun, et al, <i>Selective oxidation of H₂S to elemental sulfur over TiO₂/SiO₂ catalysts</i> , Applied Catalysis B: Environmental 16, 235-243 (1998)
fw	CJ	H. Austin Taylor and Charles F. Pickett, <i>The Decomposition of Hydrogen Sulphide</i> , <i>J. of Phys. Chem.</i> Vol. 31 pgs. 1212-1217 (1927)
fw	CK	J. Chao, <i>Properties of Elemental Sulfur</i> , Hydrocarbon Processing, 217-223, (1980)
fw	CL	David M. Haaland, <i>Noncatalytic Electrodes for Solid-Electrolyte Oxygen Sensors</i> , J. Electrochem. Soc.: Electrochemical Science and Technology, Vol 127, No. 4, 796-804 (1980)
fw	CM	J.W. Mellor, <i>A Comprehensive Treatise on Inorganic and Theoretical Chemistry</i> , Vol X, Longmans, Green and Co., New York, 118-119, 128-129, 206-213, 221-223, 144-148, 152-159, 162-166, 393-400
fw	CN	PCT SEARCH REPORT IN PCT/US00/40489 26/07/2000
fw	CO	PCT SEARCH REPORT IN PCT/US00/20252 26/07/2000
	*CP	PCT SEARCH REPORT IN PCT/US01/148795 dated 26 June 2002 (4 pp.)

EXAMINER

Timothy Vanoy

DATE CONSIDERED

June 23 2003

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP §609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

* refers to references which are being submitted with this Information Disclosure Statement.

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